

Morgon/dagens radioteknik

Tilman D. Thulesius

SM0JZT

SSA sektion Radioteknik

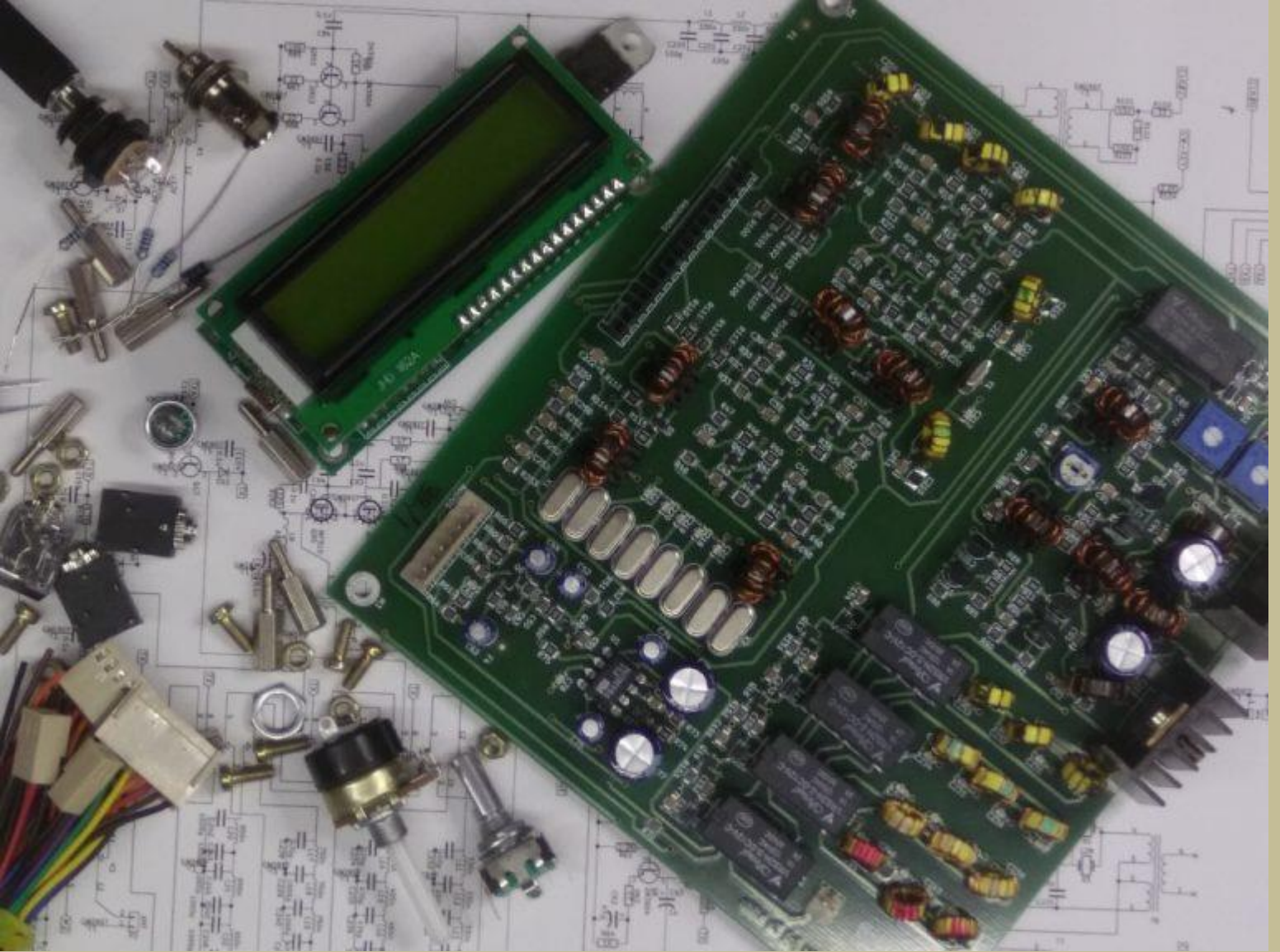
Dec 2017

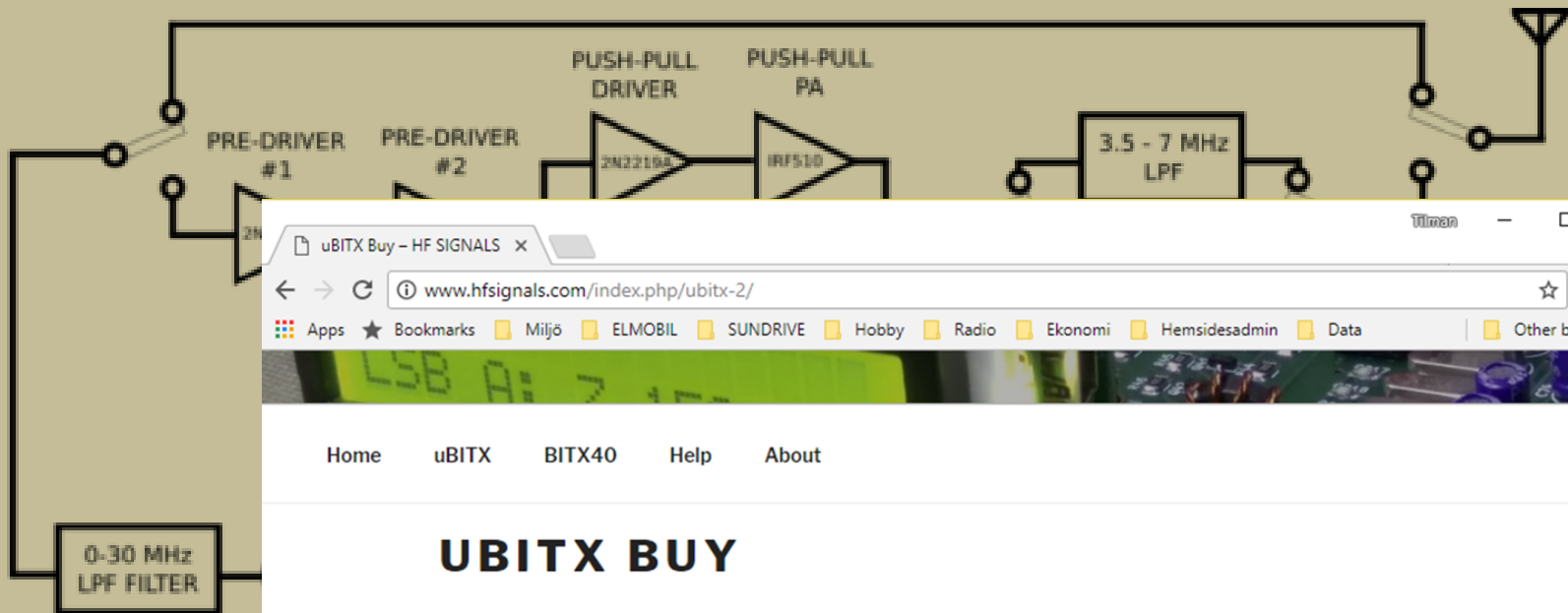
Reflektioner

- Hur kan vi använda moderna SDRadios på ett effektivt sätt.
- Vilka SDRadios finns, vad kan vi se i spåkulan?
- SDRadio på distans. Dax att köra igång!!









uBITX Buy - HF SIGNALS x

www.hfsignals.com/index.php/ubitx-2/

Apps ★ Bookmarks Miljö ELMOBIL SUNDRIVE Hobby Radio Ekonomi Hemsidesadmin Data Other bookmarks

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UBITX BUY

Preorder μ BITX with Raduino for \$109 with free shipping (\$10 extra for DHL Shipping)

Shipping will start after December 25th.

Choose USD \$109 for (India Post, 3-4 weeks)/ USD \$119 (DHL 1 week)

DHL (1 week) with full tracking \$119.00 USD

Add to Cart

Buy uBITX with DHL Shipping for \$119 (an extra \$10). They will deliver it to you within 7 working days, anywhere in the world. Many European builders who ordered DHL delivery were slapped with a custom duty. **The DHL option is not recommended for European builders**, unless you are sure of the custom duty impact.

Morgondagens radiorum ?



DMR-radio
MD390-GPS
Tytera

Openspot
RFshark

SunSDR2 / QRP
EXPERT Electronics

ANAN-10
Apach-Lab

RSP2
SDRPLAY





The Innovative HF Transceiver IC-7300 is Born



ICOM – IC-7610



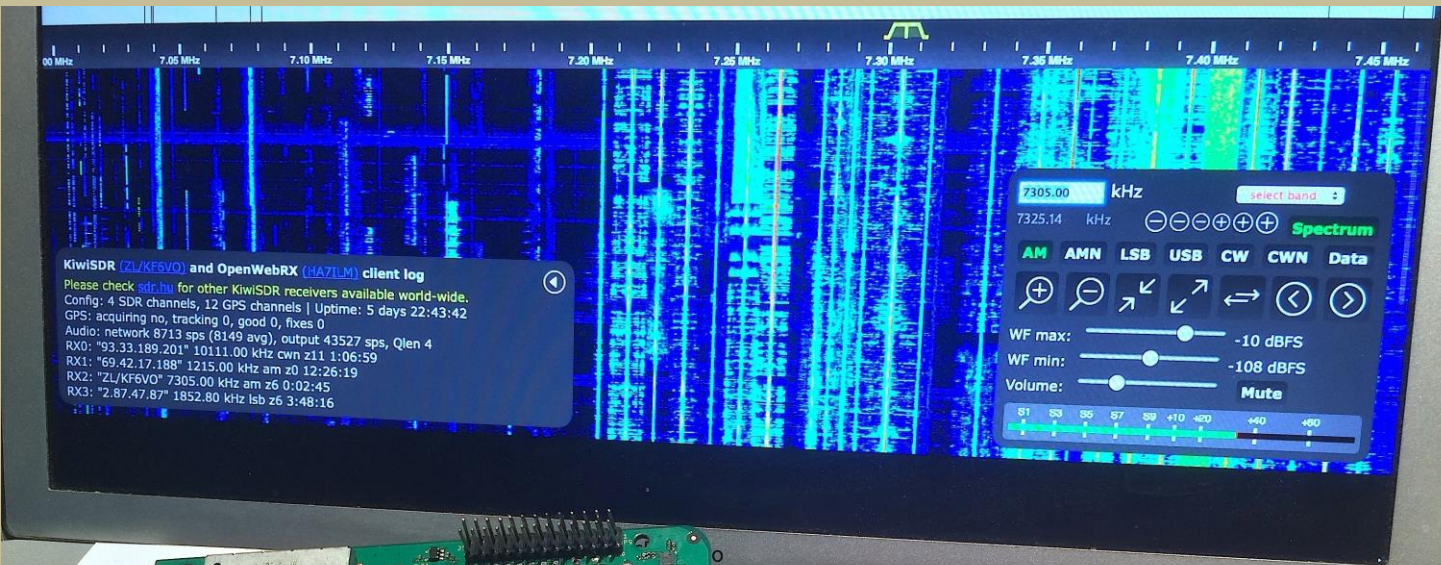
Dubbla mottagare (helt separat)
Extern skärm....
Ethernet / TCP/IP-snit
Ca 40 kKr

Elecraft KX3/PX3 - SDRRadio



- SDR-radio med traditionellt gränssnitt
- FST3253 switch
- USD 950 + 500 byggsats
- NaP3 -programvara för styrning
- I/Q, RS232





© bluebison.net

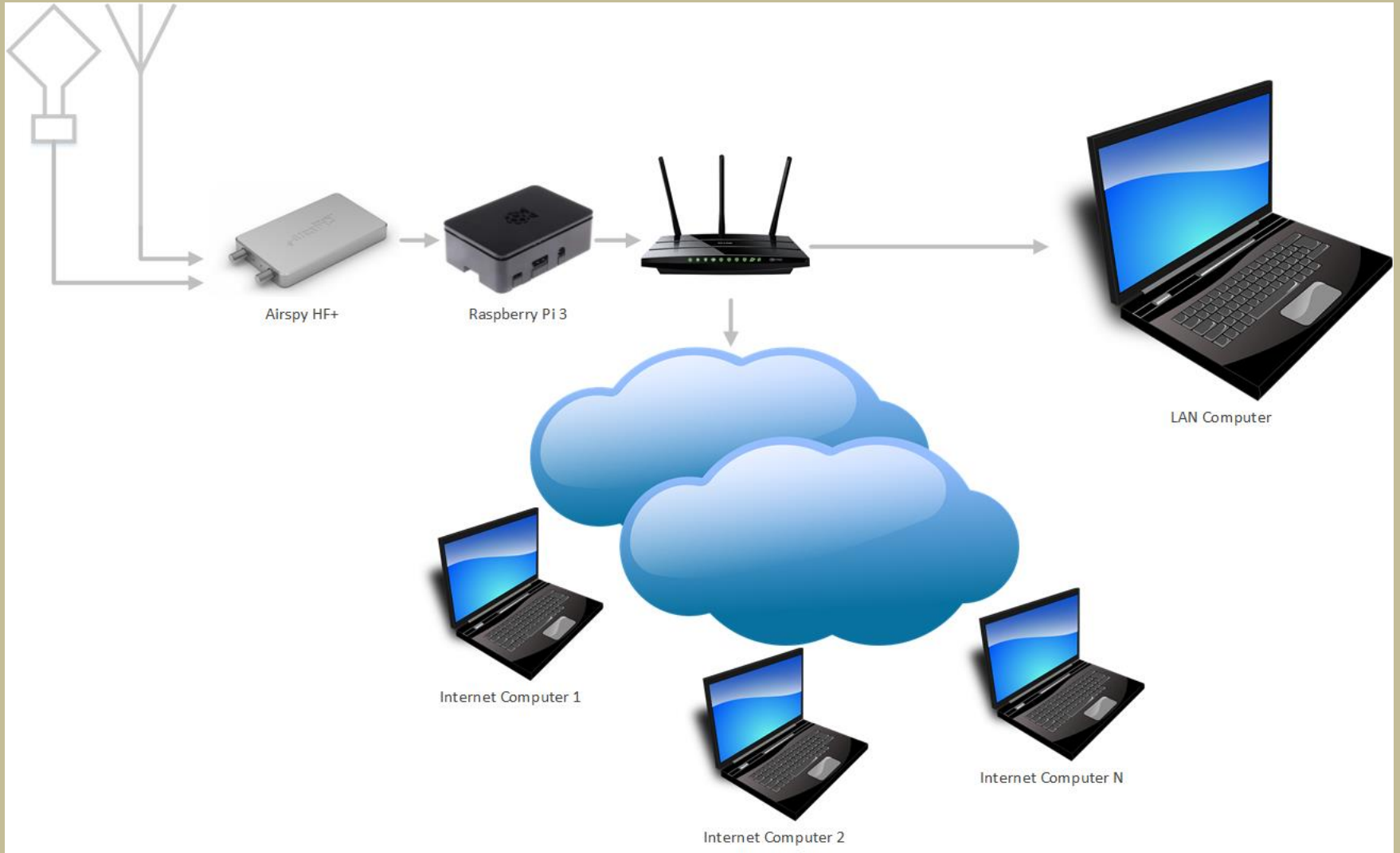


ValentFX
ELECTRONICS INNOVATION

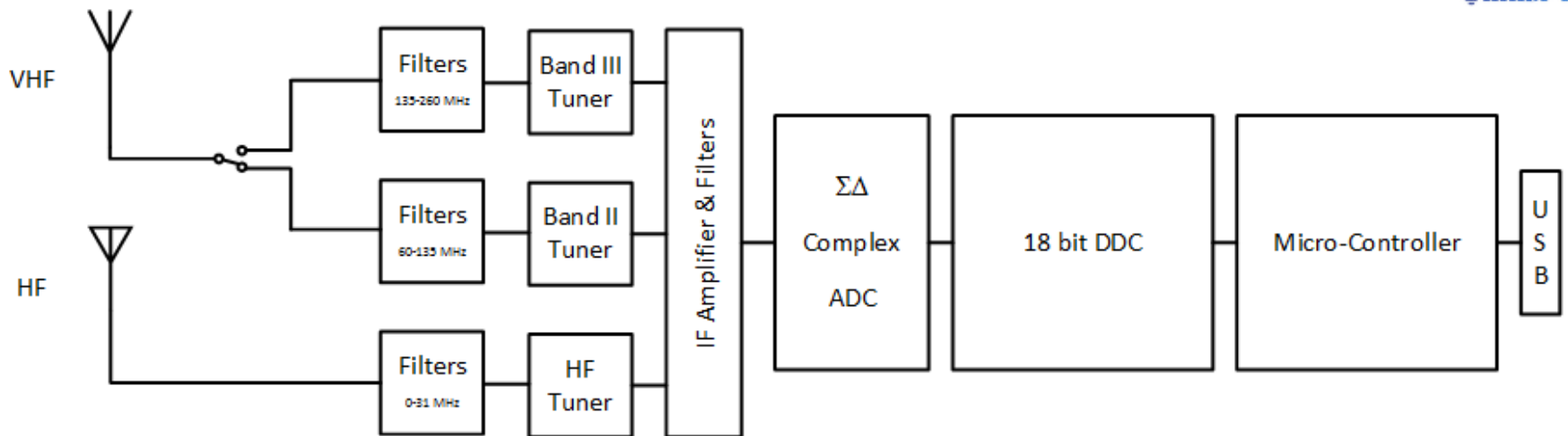
KiwiSDR for BeagleBone

- Websnitt för användare - Max 4 samtidigta
- Kortvåg
- Stöd för WSPR och andra tjänster
- EUR 330

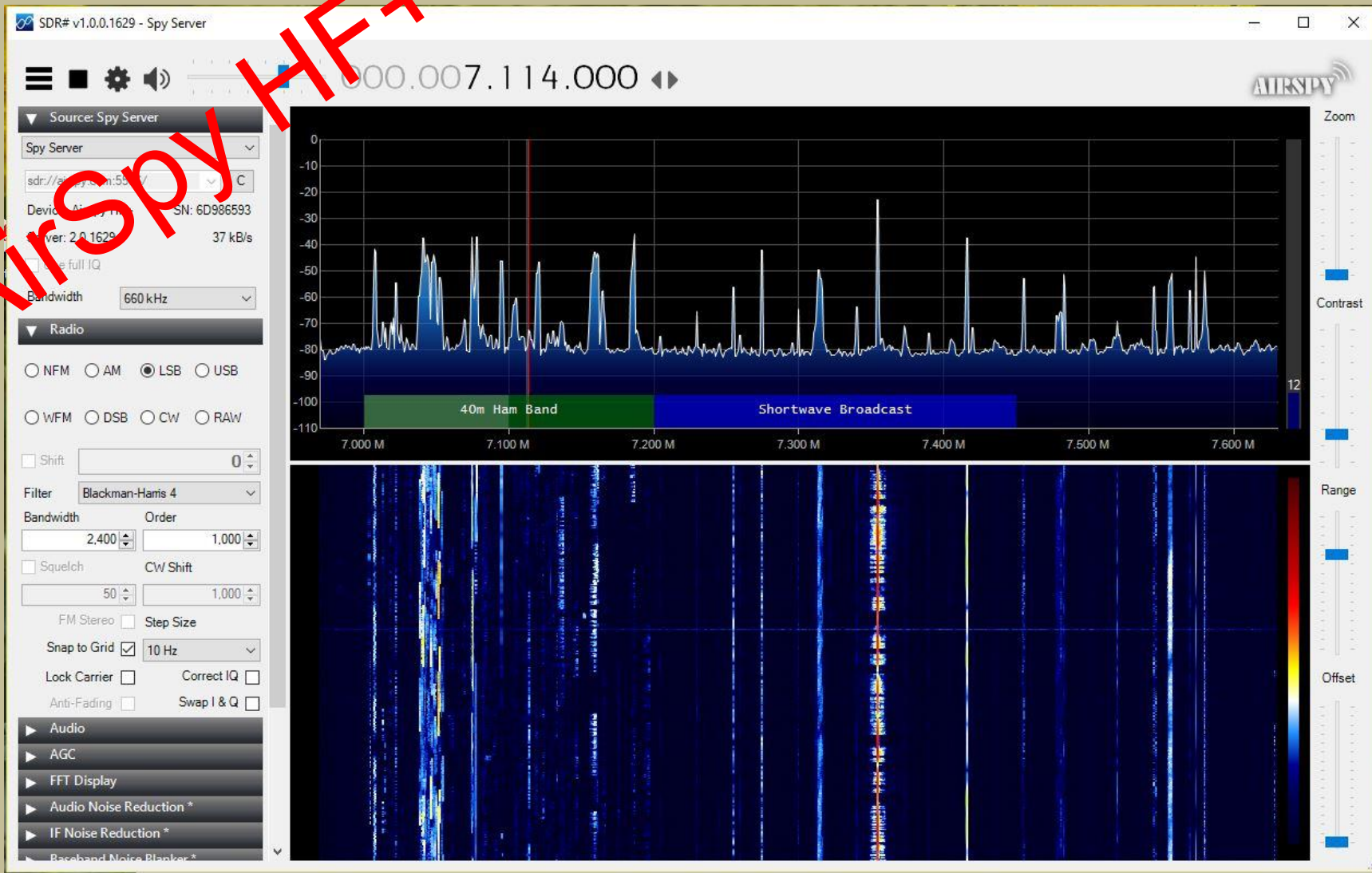
AirSPY HF+



AirSPY HF+

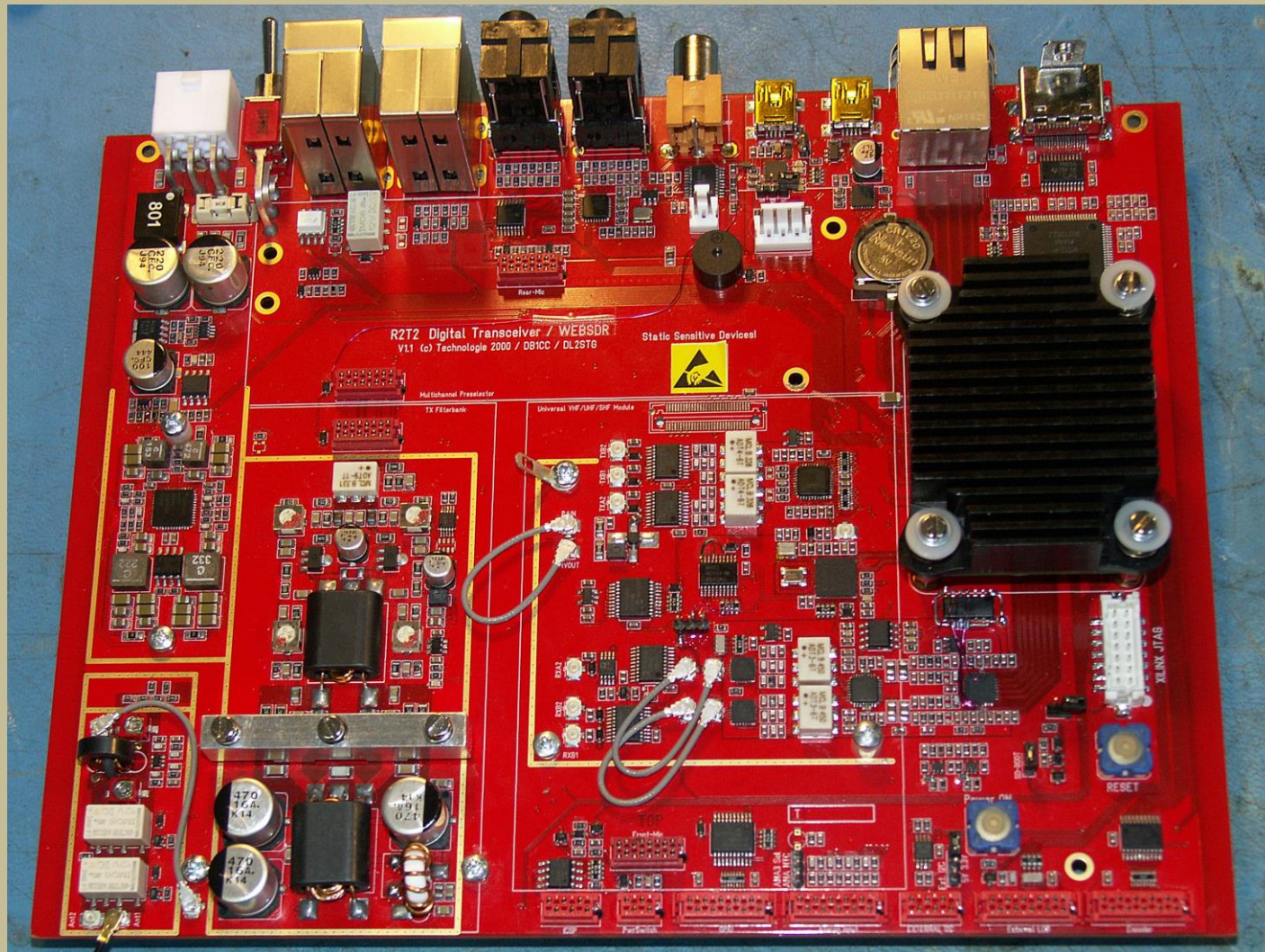


AirSpy HF+



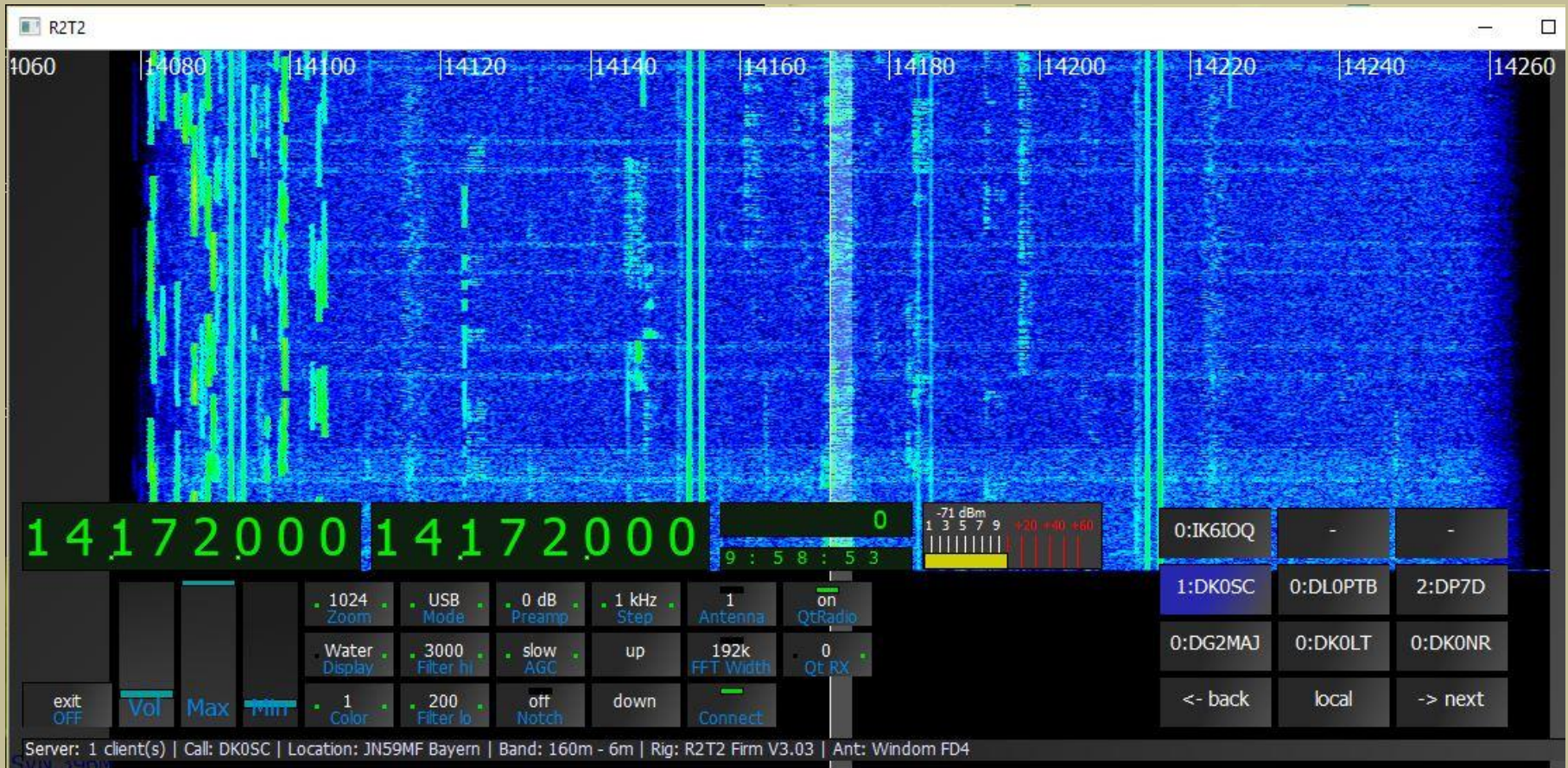
- Klientprogramvara (SDR#) för användare - Flera hundra användare
- Kortvåg / VHF
- I/Q över nätet
- USD 199

R2T2 - DARC



- Multiuser
- 2 TX, 4 RX

R2T2 - DARC



- QTRadio
- r2t2.de (DE)

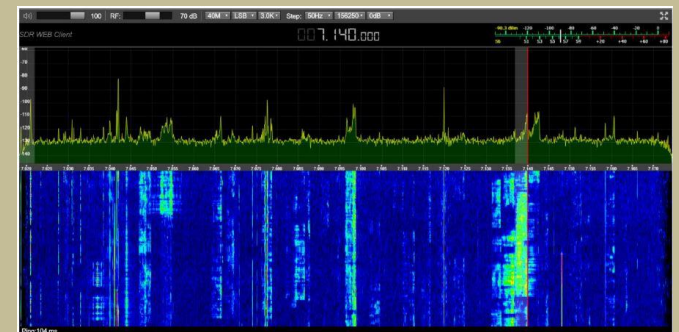
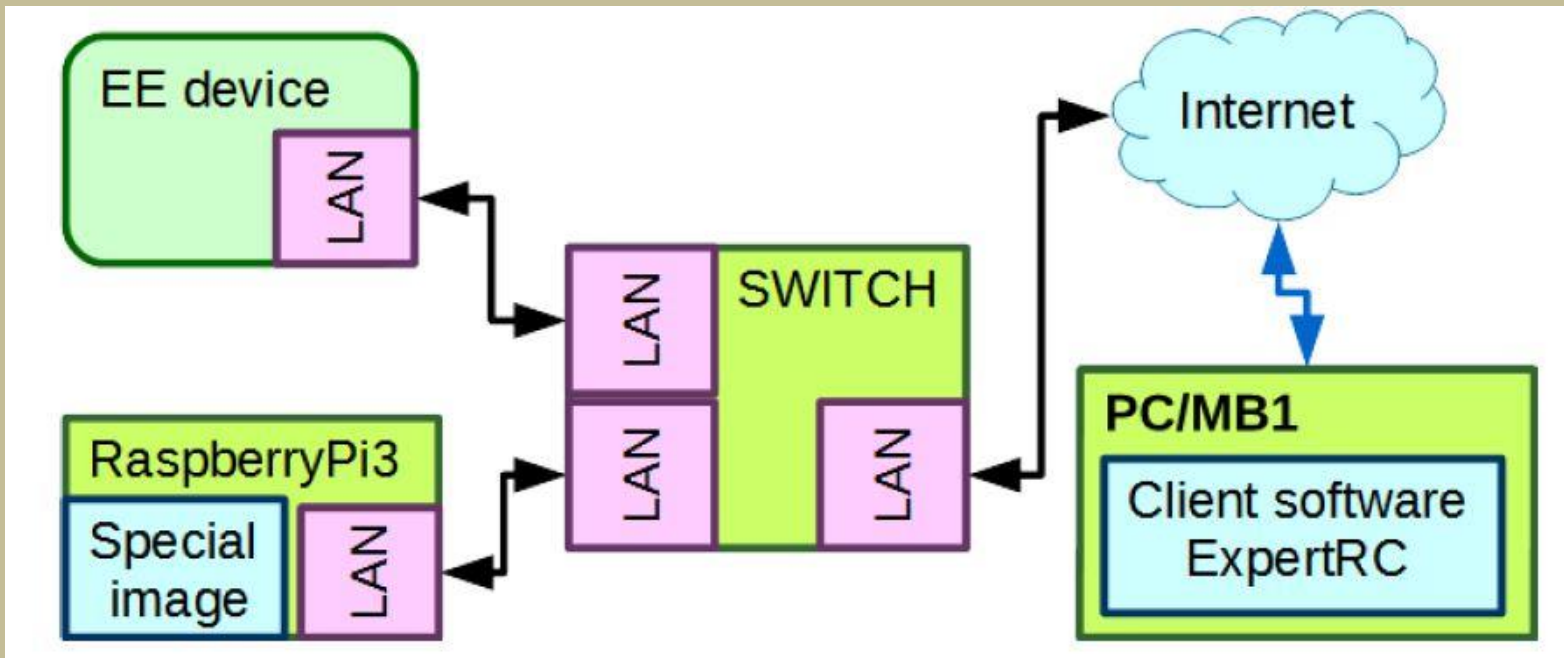
EXPERT Electronics

Remote Control





- En användare RX/TX
- Resurssnål på nätet
- Inlogg / Säkerhet ?
- CW ?



Summaring

- Digital radio – Mycket radio för pengarna
- SDR
- Spektrumvisning
- Radio som del I IoT
- Klubbprojekt
 - Externa, antennhandikappade, experiment

Länkar

- <http://kiwisdr.com>
- <http://sdr.hu/?q=kiwisdr>
- kiwisdr.sk3w.se:8073
- <https://airspy.com/airspy-hf-plus/>
- <https://airspy.com/spy-servers>
- r2t2.de
- <https://eesdr.com/en>

- radio.thulesius.se SMOJZT-sidor

